

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Ralph Gosney

GENERAL INFORMATION:

Name:	TransMontaigne Product Services, Inc. - Paducah Terminal
Address:	233 Elizabeth Street Paducah, Kentucky 42003
Date application received:	August 23, 2004
SIC/Source description:	5171/Bulk gasoline terminal
Source ID #:	21-145-00052
Source A.I. #:	3071
Activity #:	APE20040002
Permit number:	V-06-016

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard (40 CFR 63.4530 Recordkeeping only)
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

#### EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
VOC	44.28	332.2
NO <sub>x</sub>	NA	7.18
CO	NA	17.95
Single HAPs > 10 tpy	None	9*
Source wide HAPs > 25 tpy	None	22.5*

\*Plantwide emissions cap established in the Title V Operating Permit.

#### SOURCE DESCRIPTION:

TransMontaigne Product Services, Inc. operates a bulk gasoline terminal located in Paducah, Kentucky (Paducah/Cairo area). It dispenses: diesel fuel, conventional gasoline, resin oil No.80, and jet A/kerosene. Currently, the terminal is using 13 internal floating roof storage tanks for gasoline. All of these gasoline storage tanks are existing, and were constructed prior to 1972. Six (6) diesel (low VP petroleum product) storage tanks are existing. Please refer to Section C - INSIGNIFICANT ACTIVITIES of the draft permit for a list of these facilities. Two loading racks are in operation. A two-bay unit with eleven (11) loading arms is located at the Paducah facility and a unit with fourteen (14) loading arms is located at the Riverway facility. VOC emissions from the Paducah and Riverway loading racks are controlled by a 95% efficiency John Zink Vapor Combustion Unit located at the Riverway terminal. The terminal complex currently processes 430,031,340 gallons/year of conventional gasoline, 374,701,450 gallons/year of distillate and 70,000,000 gallons/year of distillate for barge loading.

#### EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

VOC emissions from the Paducah and Riverway loading racks are controlled by a John Zink Vapor Combustion Unit located at the Riverway terminal. Emissions are below the standard of 35 grams/liter of gasoline transferred. All gasoline storage tanks have floating roofs. Through recordkeeping and reporting, the terminal will maintain parameters which will ensure operation below any emission limits or standards. Additionally, as established in the initial Title V operating permit, V-99-021, the plant is not a major source of HAP emissions, as defined at 40 CFR 63.2. Therefore, the requirements pursuant to 40 CFR 63 for major HAP emission sources, including 40 CFR 63, Subpart R, *National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)*, do not apply. Enforceable source wide HAP emission limitations have been incorporated into Section D of the permit.